

Bibliographic identification

KOTERZYNOVÁ, Kristýna. *Evaluation of Developmental Dyspraxia in Children with Epilepsy*. Prague: Charles University, 2nd Faculty of Medicine, Department of Rehabilitation and Sports Medicine, 2013. 87 p. Supervisor MUDr. Josef Kraus, CSc.

Abstract

Diploma thesis "Evaluation of Developmental Dyspraxia in Children with Epilepsy" summarizes in its theoretical part the problems of the developmental dyspraxia, also called as the developmental coordination disorder, and the problems of epilepsy. One section of the theoretical part is the description of the methods used in the research. The aim of this study was to evaluate the motor difficulties in children with epilepsy using test MABC-2, then we were interested in the correlation between motor skills and attention of these children. The Test d2 was used for evaluation of attention. The physical activity of investigated children was also monitored using ActiGraph device GT3X. We found out motor problems were more frequent in the group of our children than of the common population. We didn't prove motor difficulties would depend on pharmaco-resistance epilepsy within this group nor the significant differences among the various types of motor skills. No correlation was detected between motor skills and attention, but we noticed a higher occurrence of reduced attentional output. During monitoring of the physical activity we noticed its total low intensity.

Keywords

developmental dyspraxia, developmental coordination disorder, epilepsy, MABC-2, Test d2